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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/660,731	09/12/2003	In Hee Han	9988.056.00-US	9988.056.00-US 4916	
30827	7590 10/18/2006		EXAMINER		
MCKENNA LONG & ALDRIDGE LLP 1900 K STREET, NW			LU, JIPING		
WASHINGTON, DC 20006			ART UNIT	PAPER NUMBER	
			3749		

DATE MAILED: 10/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
Office Action Summan.	10/660,731	HAN, IN HEE				
Office Action Summary	Examiner	Art Unit				
	Jiping Lu	3749				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence ad	dress			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1) Responsive to communication(s) filed on 24 Au	iaust 2006.					
	action is non-final.					
3) Since this application is in condition for allowan		secution as to the	merits is			
closed in accordance with the practice under E						
Disposition of Claims						
4) Claim(s) <u>1-3,7 and 15-17</u> is/are pending in the	application.					
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1-3,7 and 15-17</u> is/are rejected.	<u> </u>					
7) Claim(s) is/are objected to.						
· ·	·					
Application Papers						
<u> </u>		•				
9) The specification is objected to by the Examiner.						
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Exa	aminer. Note the attached Office	Action or form PT	O-152.			
Priority under 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priori application from the International Bureau * See the attached detailed Office action for a list of 	have been received. have been received in Application ty documents have been receive (PCT Rule 17.2(a)).	on No d in this National S	Stage			
Attachment(s)						
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary (Paper No(s)/Mail Date 5) Notice of Informal Pate 6) Other:	te	-152)			

DETAILED ACTION

Claim Status

1. Claims 1-3, 7, 15-17 are pending in the case. Claims 4-6, 8-14 and 18-20 have been canceled.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7/27/2006 has been entered.

Claim Rejections - 35 USC § 102

- 3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 4. Claim 7 is rejected under 35 U.S.C. 102(b) as being anticipated by Anetsberger (U. S. Pat. 3,217,704).

Anetsberger shows a dryer 24 (capable for clothes drying) comprising: cabinet 24, a mixing pipe 49 having an inlet 52 disposed in the cabinet 24 for mixing air and gas, and a hole 23 configured to allow the air to directly flow into the mixing pipe 49 from outside the dryer which are arranged same as claimed. The hole 23 is provided at a bottom portion 11 of the dryer

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24 and in front of and adjacent only to inlet 52 of the mixing pipe 49. The hole 23 is positioned such that the air flows through the holes and it focused in a region immediately surrounding the mixing pipe 49, wherein the air mixes with gas supply to enhance combustion efficiency.

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5. Claims 7 and 15-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Ros (GB 2,090,398).

Ros shows a dryer 1 (capable for clothes drying) comprising: cabinet 2, a mixing pipe (not numbered, see Fig. 1, within 3) having an inlet disposed in the cabinet 2 and one or more holes 20 configured to allow the air to directly flow into the mixing pipe from outside the dryer same as claimed. The one or more holes 20 are provided at a bottom portion 18 of the dryer 1 and in front of and adjacent only to inlet of the mixing pipe. The holes 20 are positioned such that the air flows through the holes and it focused in a region immediately surrounding the mixing pipe wherein the air mixes with gas supply to enhance combustion efficiency. The holes 20 are formed at regular intervals in left and right directions along the bottom portion of the dryer and are formed in a long hole form having length in a front and rear direction along the bottom portion of the dryer (see Fig. 9).

Claim Rejections - 35 USC § 103

- 6. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 7. Claims 1-3, 7, 15-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fig. 3 of applicant's admitted prior art in view of Ros (GB 2,090,398 A)

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Fig. 3 of applicant's admitted prior art shows a clothes dryer same as claimed except for a plurality of air holes in a bottom of a base adjacent only an inlet side of a mixing pipe. Ros teaches a heater with a plurality of air holes 20 in a bottom of a base 18 adjacent only an inlet side of a mixing pipe (not numbered, see Fig. 1). The holes 20 are positioned such that the air flows through the holes and is focused in a region immediately surrounding the mixing pipe.

The holes 20 are formed at regular intervals in left and right directions along the bottom portion of the dryer and are formed in a long hole form having length in a front and rear direction along the bottom portion of the dryer (see Fig. 9). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the bottom of the base of the clothes dryer of Fig. 3 of applicant's admitted prior art with a plurality of air holes as taught by Ros in order to improve the combustion efficiency.

Response to Arguments

8. Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jiping Lu whose telephone number is 571 272 4878. The examiner can normally be reached on Monday-Friday, 9:00 AM - 5:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, EHUD GARTENBERG can be reached on 571 272-4828. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jiping_Lu

Primary Examiner Art Unit 3749